in line 19, after "example", insert–,–; and

in line 30, cancel "here".

On page 2:

in line 2, after "as", insert –an–;

5   in line 10, after the first "is", insert –,–;

in line 13, replace the first "," with –. This is done–;

in line 24, replace "transmission" with –transmitting–;

in line 25, after "i.e.", insert –,–;

above line 31, insert

10   –SUMMARY OF THE INVENTION--; and

in line 31, replace "specify" with –provide–.

On page 3:

replace lines 1-6 with

  --   According to the invention, this object is achieved by a method for

15   processing state information in a communication system by way of a management

network having a number of management levels, comprising the steps of:

transmitting state information between an agent of one management level and a

manager of a next-higher management level for a state realignment; sending, by

the manager, a request message for performing the state realignment to the agent;

20   checking, by the agent, the state information with regard to deviations from a

normal state; and sending, by the agent, changes in the state information to the

manager in one or more successive messages.

      The inventive method may use state attributes (OST, AST, UST) and/or

status attributes (UNS, ALS, AVS) as state information. A step may be provided

25   for defining the normal state by way of predeterminable values for state attributes

OST, AST, UST) and/or status attributes (UNS, ALS, AVS). State attributes

(OST, AST, UST) may be used for characterizing an operational readiness,

manageability and use of a resource supported by the agent in the communication

system as state information.

The inventive method may also utilize status attributes (UNS, ALS, AVS), which specify for a resource supported by the agent in the communication system whether it is in an unknown state, in an alarmed state or in a state of availability, as state information.

The manager can also send in the request message, a correlation information item for a correlation of the respective request with messages containing changed state information received by the agent, and the agent may send in a message for starting the state realignment, a correlation information item for correlating the messages containing changed state information subsequently sent with the state realignment started in each case.

The inventive method can send correlation information generated by the agent in the message or messages containing the changed state information. The manager may send a parameter to the agent, and control the state realignment in dependence on at least one parameter sent to the agent. The manager may also send a parameter by way of which the state realignment is automatically initiated by the agent, utilizing the parameter. A parameter may be provided by the manager with a parameter value which specifies a starting time and/or an ending time for the automatic state realignment. A parameter value may be provided by the manager that specifies a time interval for a repetition of the automatic state realignment. The manager may also provide a parameter with a parameter value which characterizes resources for which changed state information must be transmitted by the agent. The manager may also provide a parameter permitting interruption of a running state realignment. The parameters may be sent by the manager to the agent in the request message.

The object of the invention is also achieved by a communication system for processing state information in a management network, comprising a number of management levels; an agent of a management level; and at least one a manager of a next-higher management level, state information being transmitted between the agent and the manager for a state realignment; facilities/a controller in the

manager for sending a request message for performing the state realignment to the agent; and facilities/a controller in the agent for checking the state information with regard to deviations from a normal state and for sending changes in the state information to the manager in one or more successive messages. State attributes

5   (OST, AST, UST) and/or status attributes (UNS, ALS, AVS) may be provided as state information. The normal state may be defined by predeterminable values for the state attributes (OST, AST, UST) and/or status attributes (UNS, ALS, AVS). State attributes (OST, AST, UST) may be provided for characterizing an operational readiness, a manageability and a use of a resource supported by the

10   agent in the communication system as state information. Status attributes (UNS, ALS, AVS), which specify for a resource supported by the agent in the communication system whether it is in an unknown state, in an alarm state or in a state of availability, may be provided as state information. The state realignment can be controlled by the facilities in the manager in dependence on at least one

15   parameter sent to the agent. Finally, the manager may send a parameter permitting the state realignment to be automatically initiated by the agent. —

     in line 11, cancel "subject matter of the";

     in line 21, replace "In consequence" with –Consequentially–;

     in line 29, after ",", insert –and–;

20   in line 30, cancel "subject matter of the"; and

     in line 31, replace "In consequence" with –Consequentially–.

On page 4:

     in line 2, replace "means" with –way–;

     in line 8, after "manageability", insert –,–;

25   in line 13, after "alarm state", insert –,–; and

     in line 30, replace "means" with –way–.

On page 5:

in line 2, after "example", insert –,–; and

in line 30, replace "by simple means" with –in a simple manner–.

On page 6:

in line 13, replace "means" with –way–;

in line 25, after "define", insert –:–;

in line 29, after ",", insert –and–;

above line 31, insert

--BRIEF DESCRIPTION OF THE DRAWINGS --; and

in line 31, replace "will be" with –is–.

On page 7:

in line 1, replace "shows the" with –is a–;

in line 6, replace "shows the" with –is a–;

in line 7, replace "!" with –/--

in line 12, replace "shows the" with –is a–;

in line 16, replace "shows" with –is a sequence diagram showing–;

above line 19, insert

--DESCRIPTION OF THE PREFERRED EMBODIMENTS--;

in line 20, replace "means" with –way–; and

in lines 32-33, replace "The, for example," with –For example, the–.

On page 8, in line 28, after "i.e.", insert –,–;

On page 9:

in line 6, cancel "in" and cancel "case";

in line 9, replace "..." with –through–;

in line 10, replace "..." with –through–;

in line 13, cancel "in";

in lines 16-17, replace "..." with –through–; and

in line 21, cancel "in" and cancel "case".

On page 10:

in line 2, replace "-" with –(–;

in line 3, replace "-" with –)–;

in line 6, replace "0F2" with –OF2–;

in lines 15-16, replace "..." with –through–;

in line 20, after "e.g.", insert –,–;

in line 21, after "e.g.", insert –,–; and

in line 31, after "e.g.", insert –,–.

On page 11:

in line 4, replace "OFi and 0F2" with –OF1 and OF2–;

in line 9, after "e.g.", insert –,–;

in line 10, after "e.g.", insert –,–;

in line 22, replace "OFi and 0F2" with –OF1 and OF2–;

in line 33, after "e.g.", insert –,–; and

in line 34, replace "OFi and 0F2" with –OF1 and OF2–.

On page 12:

in line 15, after "has" insert –facilities/–; and

in line 23, replace "means" with –way–.

On page 13:

in line 2, replace "means" with –way–;

in line 22, after "manageability", insert –,–;

in line 29, after "specify", insert –,–, and cancel ", respectively,"; and

in line 30, after "system", insert –,–.

On page 14:

in line 2, after "manager", insert –,–, cancel the first "or", and before the last "or", insert –,–;

in line 14, replace "means" with –way–;

in line 19, after "above", insert –,–; and

in line 21, after "i.e.", insert –,–.

On page 15:

in line 7, replace "ACTR" with –A-CTR–;

in line 8, replace "CST" with –cst–;

in line 13, replace "whilst" with –while–; and

in line 17, cancel ", respectively," and cancel the last ",".

On page 16:

in line 7, replace "-" with –(–;

in line 9, replace "-" with –)–;

in line 12, replace "OFi, 0F2" with –OF1 and OF2–;

in line 14, replace "means" with –Way–;

in line 15, replace "REPORT" with –Report–;

in line 21, replace "REPORT" with –Report–;

in line 23, cancel ", respectively,"; and

in line 28, replace "means" with –way–.

On page 17:

in line 6, after "example", insert –,–;

in line 9, replace "means" with –mechanism–; and

in line 33, replace "..." with –through–.